

Title (en)

IMPROVED METHOD AND APPARATUS FOR PROTECTIVE ATMOSPHERE RECYCLING

Title (de)

VERBESSERTES VERFAHREN UND VORRICHTUNG FÜR PROTEKTIVES ATMOSPHÄRENRECYCLING

Title (fr)

APPAREIL ET MÉTHODE AMÉLIORÉS POUR LE RECYCLAGE D'UNE ATMOSPHÈRE PROTECTRICE

Publication

EP 2054129 A4 20100728 (EN)

Application

EP 07841211 A 20070822

Priority

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- US 83942706 P 20060823

Abstract (en)

[origin: WO2008024838A2] A recycling apparatus for spent protective atmosphere gas contaminated with fouling organic decomposition byproduct materials. The recycling apparatus includes a compressor having an inlet connected to a spent protective atmosphere gas supply line, and a solvent supply configured to supply solvent to a gas passage at or upstream of the compressor. The recycling apparatus also includes a first chamber connected to an outlet of the compressor, where the first chamber is configured to receive compressed gas from the compressor and to collect a mixture including the solvent and any contaminants entrapped or dissolved in the solvent.

IPC 8 full level

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CPC (source: EP KR US)

B01D 5/00 (2013.01 - KR); **B01D 53/00** (2013.01 - KR); **B01D 53/1487** (2013.01 - EP US); **Y10S 261/19** (2013.01 - EP US)

Citation (search report)

- [X] WO 0010950 A1 20000302 - VALERO ENERGY CORP [US]
- See references of WO 2008024838A2

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